

“**Space Weather**” refers to conditions

- ▶ on the **Sun** and
- ▶ in the **solar wind**
- ▶ in the **magnetosphere** and
- ▶ in the **ionosphere** and **thermosphere**

that can influence the performance and reliability of

- ▶ space-borne and ground-based **technological systems** and
- ▶ endanger **human life**.

Space weather storms can cause disruption of

- ▶ **satellites,**
- ▶ **communications,**
- ▶ **navigation** and
- ▶ **electric power distribution grids.**

